Eric Spencer

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EDUCATION

Loyola University Chicago   *expected May 2026*
BS/BA in **Computer Science**, Minor in **Information Systems**
Dean's List Fall 2023 (3.71 GPA), Spring 2024 (3.6 GPA)
Trustee Scholarship

EXPERIENCE

Alpha Kappa Psi, Gamma Iota   **Chicago, IL**
IT Chair   *April 2024 – Present*
- Manage the official organization website using HTML/CSS and design skills.
- Control the UI, upload member information, and oversee changes made.

Oak Park Country Club   **River Grove, IL**
Honor Caddie   *Seasonal 2017 - 2024*
- Engage with up to 4 members and fellow caddies at once over a 4-hour golf session, multiple times a day to aid in their game and well-being.
- Train over 40 caddies over the course of my career through my experience of the game of golf and caddying.
- Promoted to an honor caddie within 2 years.

Loyola University Chicago   **Chicago, IL**
Undergraduate Research Assistant   *April 2023 – August 2023*
- Played a pivotal role in studying how Chat-GPT v3.0 understood Pearson CS2 Java Data Structures and collaborated with fellow computer science professors and students.

PROJECTS

Dexcom Data Viewer
- Created a viewpoint and text-alert service for CGM data for Dexcom G4-G7 users, utilizing Pydexcom API, Dexcom API, Pandas, Tensorflow, and Pyplot.

Personal Website
- Constructed and manage a website that hosts my personal projects and accomplishments in Computer Science using CSS, HTML, JavaScript, and ReactJS.

Anagram Solver for Scrabble
- Designed and implemented a solver for a set of letters that processes a dictionary to generate the permutations of all possible playable words that incorporates wildcards.
- Utilized HashSets and HashMaps to enhance word lookup speed and manage wildcard options effectively.

SKILLS

Proficiency in Java, Python, HTML/CSS, and CLI/Git
Experience with JavaScript, C, Flask, Networks, and SQL

RELEVANT COURSEWORK

Data Structures I & II (Java), Computing Tools (Linux), Computer Systems (C), Discrete Structures (LaTeX), Calculus I & II, Microeconomics, and Probabilities and Statistics (RStudio)